

Ship Friday 16/03!
81428

~~PRELIMINARY IS~~ 1203.16 Page 1

Work Order ID 81428
March-14-12 8:48:38 AM

Item ID: D3319-3
Revision ID: **(2)**
Item Name: Wearplate
Start Date: 3/14/12 Start Qty: 10.00 *10*
Required Date: 3/16/12 Req'd Qty: 10.00 *10*
Reference:

Accept *N900040100*
Setup Start *NS1*
Stop *NS2*
Cust Item ID:
Customer:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr D3319 100 *100* Waterjet FLOW CNC Waterjet	Revision Nbr pc1 C J 1203.16 FLOW WATER JET Memo 1-Cut as per Dwg D3319 Dwg Rev: <u>PC1</u> C J 1203.16 Prog Rev: <u>PC1</u> C J 1203.16 2-Deburr if necessary	0.00 0.00						W 12 03 14 (2)	
110 *110* QC Quality Control	QC2- Inspect parts off machine FAI/FAIB Memo	0.00 0.00							W 12 03 14 (2)

Work Order ID 81428

81428

Page 2

March-14-12 8:48:38 AM

Item ID: D3319-3

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wearplate

Start Date: 3/14/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/16/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC8- Inspect parts - second check

0.00 - inspect to PCI

120

QC

Memo

0.00

Quality Control

140

NC BRAKE

0.00

140

Brake NC

Memo

0.00

Brake NC

Form using DT8326 & DT8261 as per Dwg D3319Rev: Pe1

150

QC6- Inspect dimensions to drawing

0.00 - inspect to PCI

150

QC

Memo

0.00

Quality Control

Work Order ID 81428

81428

Page 3

March-14-12 8:48:38 AM

Item ID: D3319-3

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wearplate

Start Date: 3/14/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/16/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

Weld per dwg A/R Hardcoat steel Batch: _____

0.00

160

Large Fab

Large Fab

Memo

0.00

Large Fab

Weld hard surface using D3319-3T2 per QSI 004 and Dwg D3319
Batch A/R 7560 Hardcoat Rod M119712

(2)

MAL

12/03/15

170

QC10- Inspect visual per QSI004- ground welds

0.00

170

QC

Memo

0.00

Quality Control

8/12/13/15

180

QC5- Inspect part completeness to step on W/O

0.00

180

QC

Memo

0.00

Quality Control

to PCI Dwg only

8/12/13/15

(2)

Work Order ID 81428***81428***

Page 4

March-14-12 8:48:38 AM

Item ID: D3319-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wearplate

Start Date: 3/14/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/16/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

190

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

190

Powdercoat

Memo

0.00

Powder Coating

START TIME:

10h05

OVEN TEMPERATURE:

320°F

FINISH TIME:

10h35

M118 489

2

2

20/03/15

200

QC3- Inspect Part Finish

0.00

200

QC

Memo

0.00

Quality Control

Inspector to PC1

Dugally

Sizel

210

Packaging

0.00

210

Packaging

Memo

0.00

Packaging

Identify on inside surface using a permanent fine point marker with the following:TCCA-PDA, Dart Aerospace Ltd.P/N: D3319-3, B/N: BXXXXXFor Product Eligibility see PDA05-18 and Stock

Location: _____

12/3/16 20

Work Order ID 81428***81428***

Page 5

March-14-12 8:48:38 AM

Item ID: D3319-3

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Wearplate

Start Date: 3/14/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/16/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursTool ID Tool # Plan Accept Reject Reject Insp.
Code Qty Qty Number Stamp

220

QC21- Final Inspection - Work Order Release

0.00

220

QC

Memo

0.00

Quality Control

POSITIVE RECALL

EFFECTIVE

AUTH

RELEASED

DATE

MLJ 12/03/16

MF

12-03-16

12.03.16

Picklist Print

March-14-12 8:48:38 AM

Page 1

Work Order ID: 81428
Parent Item: D3319-3
Parent Item Name: Wearplate

Start Date: 3/14/12 Required Date: 3/16/12
Start Qty: 10.00 Required Qty: 10.00

Comments: IPP: A05.05.12New issueKJ/JLM
IPP Rev:B Now on Waterjet 06-10-03 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M1010S18GA 1010/1025 SHEET .048		Purchased	No			100	sf	193.8000	3.2524	34.235789			

Location	Loc Qty	Loc Code
MAT019	193.8	
116268	3	
117806	190.8	

6.504



WJW 720314

DART AEROSPACE LTD		Work Order: 81428
Description: wear plate		Part Number: D3319-3
Inspection Dwg: D3319	Rev: PC1	Page 1 of 1

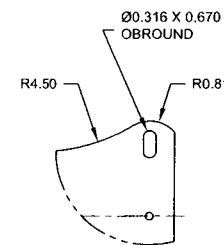
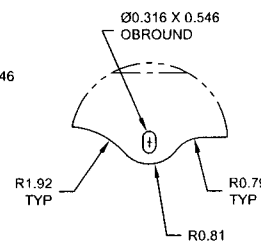
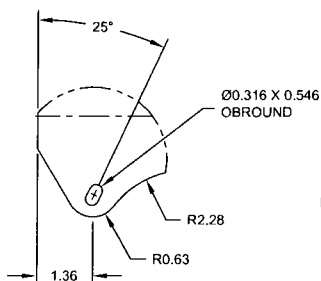
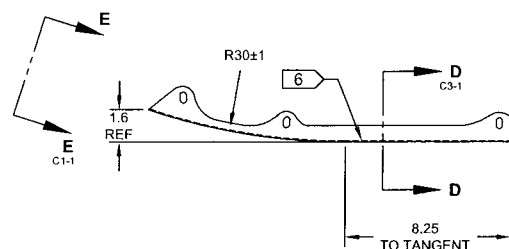
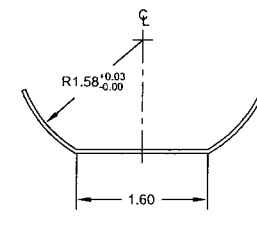
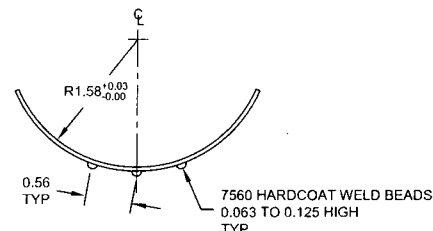
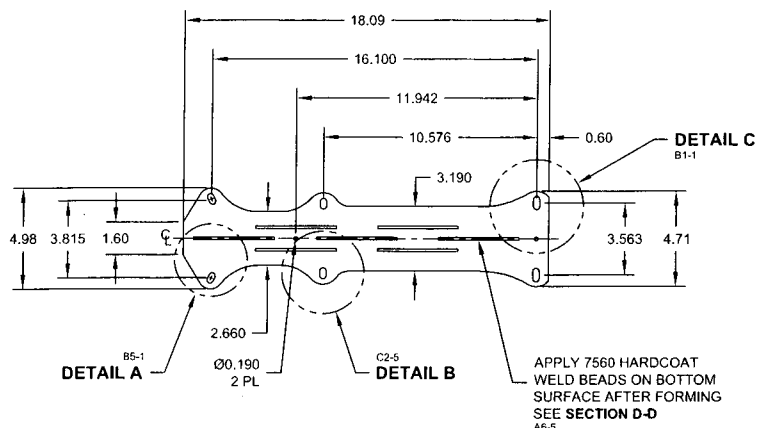
FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☒ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.52	+/-0.030	4.514	✓		VWN	HB-01
75.52	+/-0.030	75.52	✓		M.T	HB-01
74.420	+/-0.030	74.420	✓		M.T	" "
62.770	+/-0.010	62.770	✓		M.T	" "
52.890	+/-0.010	52.890	✓		M.T	" "
30.790	+/-0.010	30.790	✓		M.T	" "
8.690	+/-0.010	8.690	✓		M.T	" "
0.60	+/-0.030	0.60	✓		VWN	HB-02
2.690	+/-0.010	2.693	✓		VWN	" "
2.940	+/-0.010	2.944	✓		VWN	" "
3.527	+/-0.010	3.527	✓		M.T	HB-01
4.518	+/-0.010	4.518	✓		M.T	" "
0.190	+0.005-0.001	0.195	✓		VWN	HB-02
2.940	+/-0.010	2.940	✓		M.T	HB-01
2.940	+/-0.010	2.940	✓		M.T	" "
2.690	+/-0.010	2.690	✓		M.T	" "
5.063	+/-0.010	5.063	✓		M.T	" "
6.163	+/-0.010	6.163	✓		M.T	" "
0.316x0.607	+0.006-0.001x+0.010	0.319x0.610	✓		VWN	HB-02
0.048	+/-0.010	0.044	✓		VWN	" "
0.500	+0.006-0.001	0.505	✓		VWN	HB-02

Measured by: 	Audited by: 	Prototype Approval:
Date: 12.03.14	Date: 17/03/14	Date:
to PC1 Data only		
Rev A	Date	Change
		New Issue
Revised by	Approved	
KJ/JLM		

8 7 6 5 4 3 2 1



D3319-1 WEARPLATE

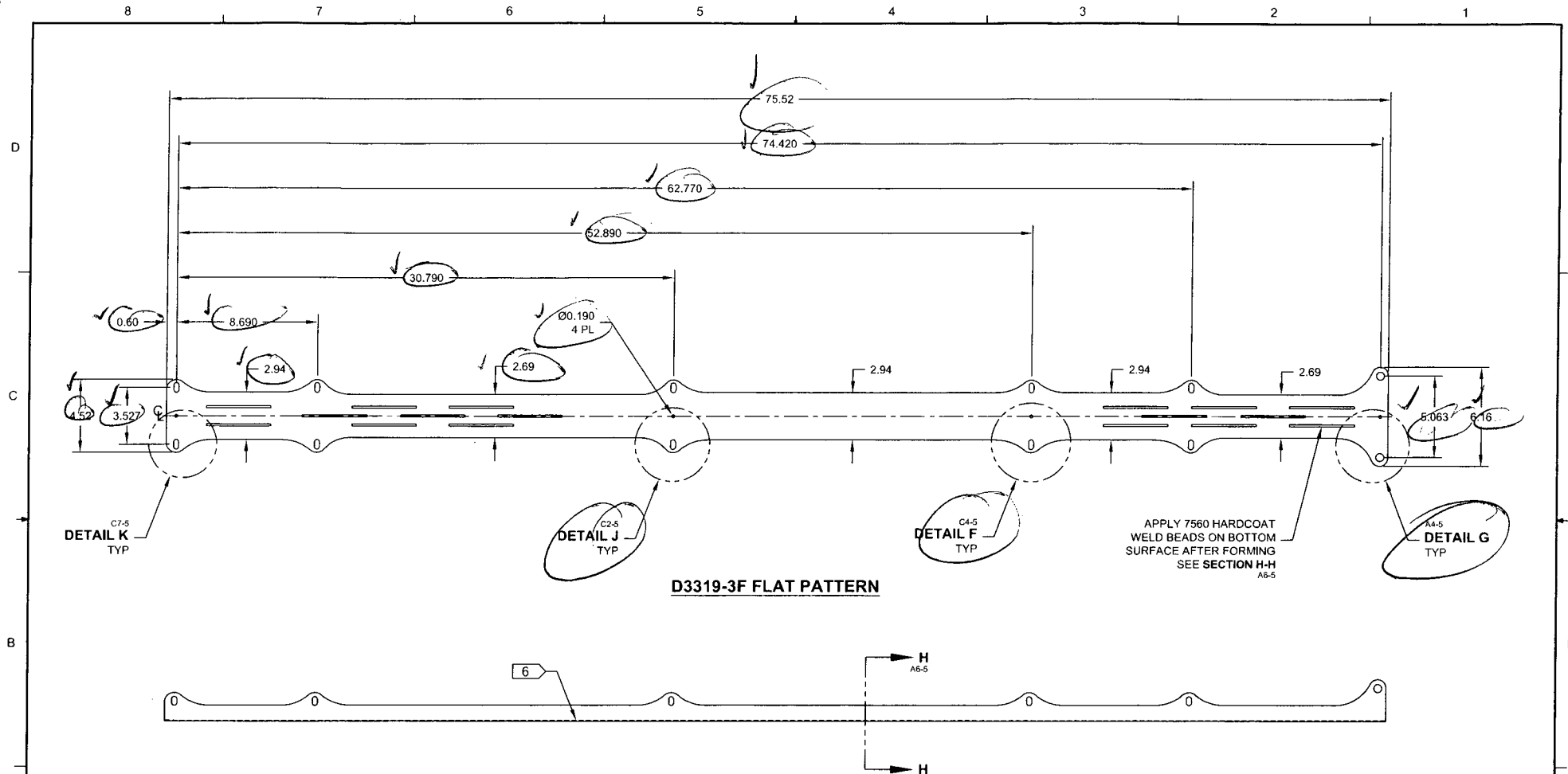
NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK) REF. DART SPEC. M1010-S18GA
- 2) FINISH: POWDER COAT GREY SANDEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-1 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18" PER DART QSI 044 6.1 (FINE POINT PAINT MARKER)
- 7) WEIGHT: 0.90 lbs APPROX
- 8) SYMMETRY: ABOUT CENTERLINE

PRELIMINARY ISSUE
12.03.13

PC1	UPDATE TO CURRENT IAW QSI 043: CLOSED AFT MOST HOLE ON -3/-5/-7 (REF DETAIL G). SEE NCR12-547.	MB	12.03.13
B	WIDEN HOLES, REDUCE WIDTH ON -3/-5/-7	PH	04.09.24
A	NEW ISSUE	PH	04.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. PC1
CHECKED		D3319	SHEET 1 OF 4
MFG. APPR.		TITLE	SCALE
APPROVED		WEARPLATE	NTS
DE APPR.		COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR REPRODUCTION IN ANY FORM WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	12.03.13		

8 7 6 5 4 3 2 1



D3319-3 WEARPLATE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK) REF. DART SPEC. M1010-S18GA
- 2) FINISH: POWDER COAT GREY SANDEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-3 B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18" PER DART QSI 044 6.1 (FINE POINT PAINT MARKER)
- 7) WEIGHT: 3.25 lbs APPROX
- 8) SYMMETRY: ABOUT CENTERLINE

PRELIMINARY ISSUE
12.03.13

DESIGN	PH	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PC
MFG. APPR.		D3319	SHEET 2 OF
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE	NT
DATE	12.03.13	COPYRIGHT © 2004 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRELIMINARY AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR CONSTRUCTION OF ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



D3319-5 BENDING DETAIL
MAKE FROM D3319-5F



D3319-7 BENDING DETAIL
MAKE FROM D3319-7F

A

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21,
38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
REF. DART SPEC. M1010-S18GA

2) FINISH: POWDER COAT GREY SANDEX (REF.4.3.5.6) PER DART QSI 005 4.3

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

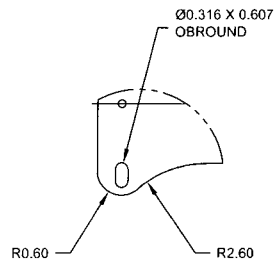
6) IDENTIFICATION: IDENTIFY WITH "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-X B/N BXXXXX,
FOR PRODUCT ELIGIBILITY SEE PDA05-18" PER DART QSI 046 6.1 (PERMANENT MARKER)

7) WEIGHT: D3319-5 = 1.05 lbs APPROX; D3319-7 = 0.60 lbs APPROX

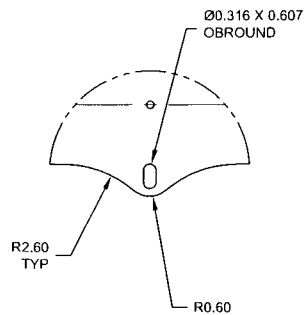
8) SYMMETRY: ABOUT CENTERLINE

PRELIMINARY ISSUE

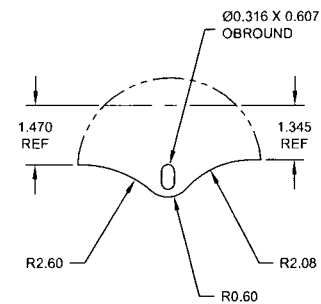
A



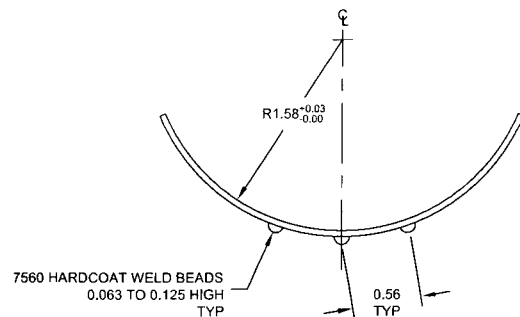
DETAIL K
SCALE 2X
BB-2
C4-3
CB-3



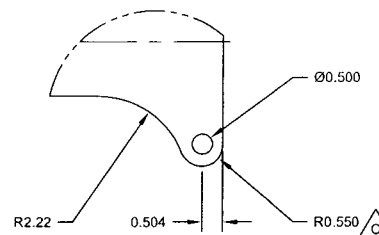
DETAIL F
SCALE 2X
BB-2
B3-2



DETAIL J
SCALE 2X
BB-2
C7-3



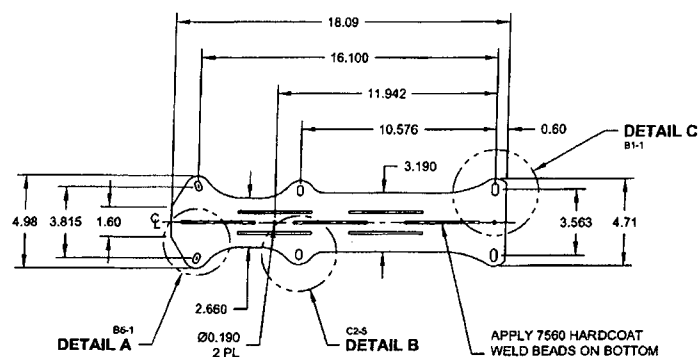
SECTION H-H
SCALE 4X
B4-2
B3-3
B6-3



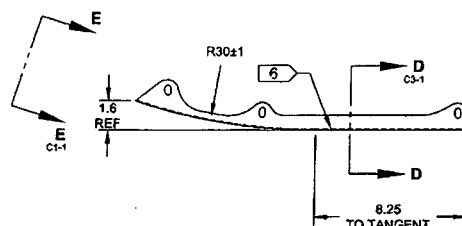
DETAIL G
SCALE 2X
BB-2
C2-3
C6-3

PRELIMINARY ISSUE
12.03.13

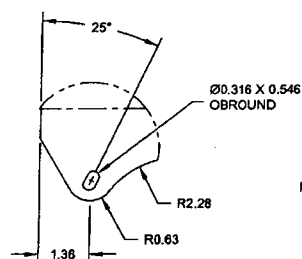
DESIGN	PH	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. PC
MFG. APPR.		D3319	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE	NT
DATE	12.03.13	COPYRIGHT © 2004 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR CONTAINED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



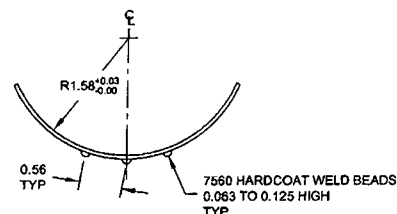
D3319-1F FLAT PATTERN



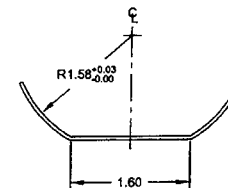
D3319-1 BENDING DETAIL
MAKE FROM D3319-1F



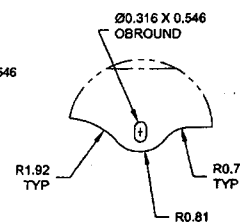
DETAIL A
SCALE 4X



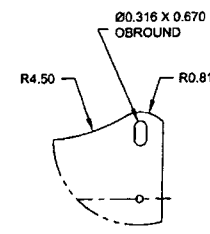
SECTION D-D
SCALE 4X



SECTION E-E
SCALE 4X



DETAIL B
SCALE 4X



DETAIL C
SCALE 4X

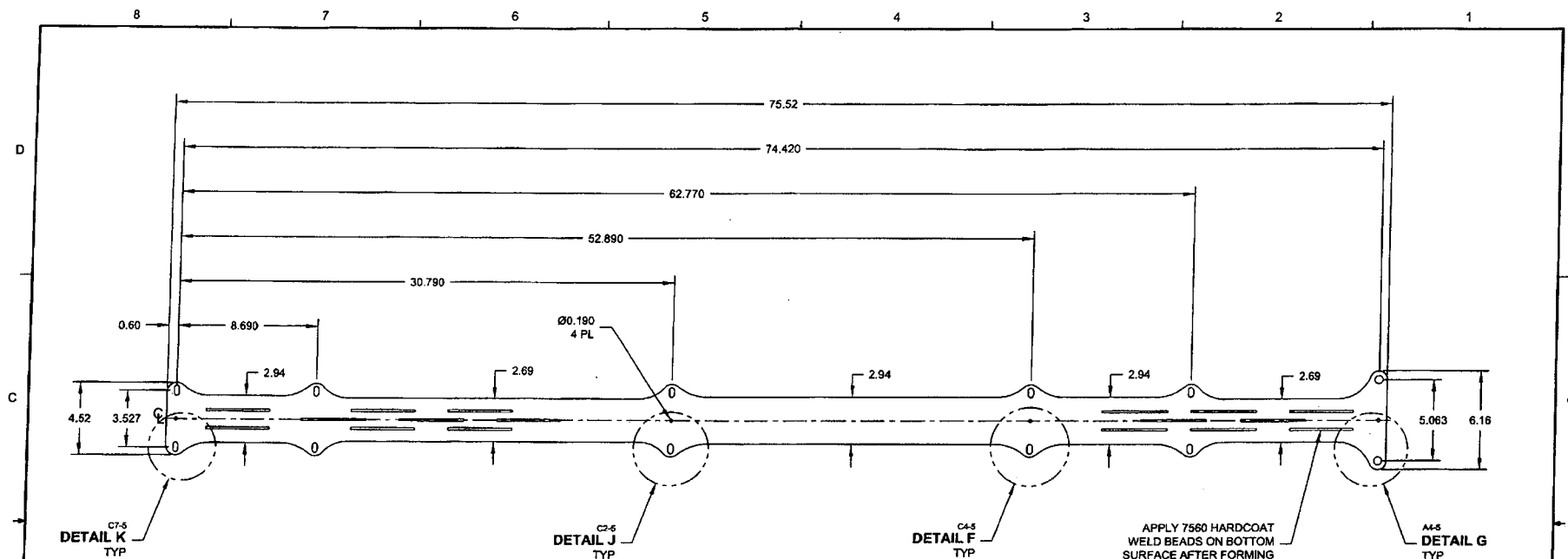
D3319-1 WEARPLATE

NOTES:

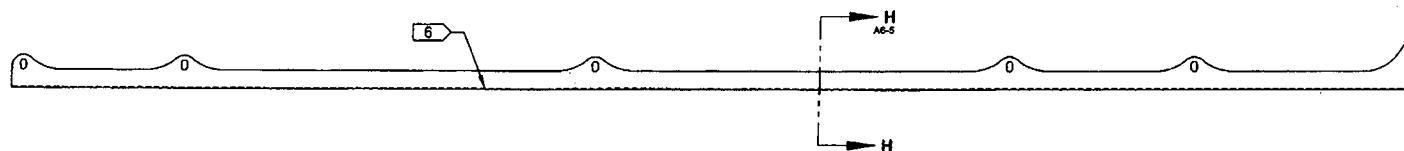
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
REF. DART SPEC. M1010-S18GA
- 2) FINISH: POWDER COAT GREY SANDEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE WITH "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-1 B/N BXXXXX,
FOR PRODUCT ELIGIBILITY SEE PDA05-18" PER DART QSI 044 6.1 (FINE POINT PAINT MARKER)
- 7) WEIGHT: 0.90 lbs APPROX
- 8) SYMMETRY: ABOUT CENTERLINE

RELEASED
2012-03-16
PER ECN 12-946 12-03-16

C	UPDATE TO CURRENT STANDARDS IAW QSI 043: CLOSED AFT. MOST HOLE ON -3/-5/-7 (REF DETAIL G). SEE NCR12-547.	MB	12.03.13
B	WIDEN HOLES, REDUCE WIDTH ON -3/-5/-7	PH	05.06.06
A	NEW ISSUE	PH	04.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PH	DRAWING NO. D3319	REV. C
CHECKED	PH		SHEET 1 OF 4
MFG. APPR.	PH	TITLE WEARPLATE	SCALE NTS
APPROVED	PH	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DE APPR.	PH		
DATE	12.03.13		



D3319-3F FLAT PATTERN



D3319-3 BENDING DETAIL

MAKE FROM D3319-3F

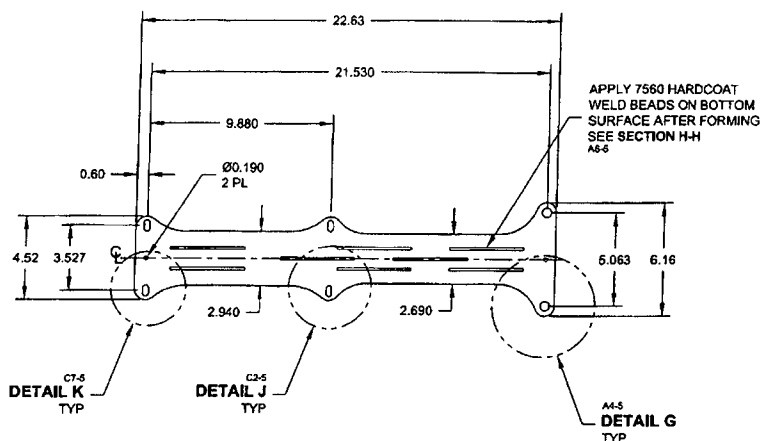
D3319-3 WEARPLATE

NOTES:

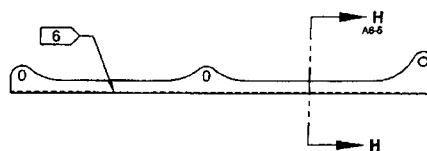
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK)
REF. DART SPEC. M1010-S18GA
- 2) FINISH: POWDER COAT GREY SANDEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE WITH "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-3 B/N BXXXXX,
FOR PRODUCT ELIGIBILITY SEE PDA05-18" PER DART QSI 044 6.1 (FINE POINT PAINT MARKER)
- 7) WEIGHT: 3.25 lbs APPROX
- 8) SYMMETRY: ABOUT CENTERLINE

RELEASED
2012 JUL 16
CP12.03.16

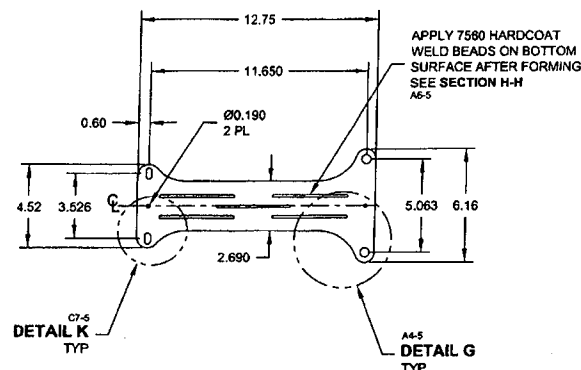
DESIGN	PH	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3319	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE	NTS
DATE	12.03.13	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



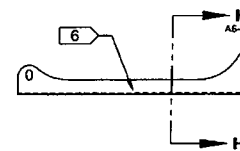
D3319-5F FLAT PATTERN



D3319-5 BENDING DETAIL
MAKE FROM D3319-5F



D3319-7F FLAT PATTERN



D3319-7 BENDING DETAIL
MAKE FROM D3319-7F

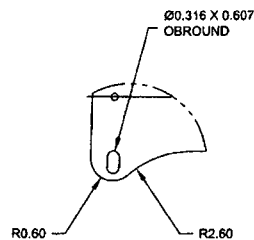
D3319-5/-7 WEARPLATE

NOTES:

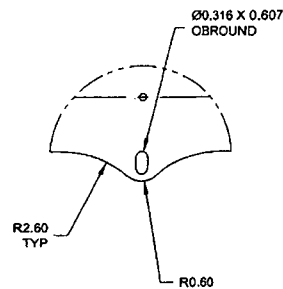
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 18 GAUGE (0.048 THICK) REF. DART SPEC. M1010-S18GA
- 2) FINISH: POWDER COAT GREY SANDETEX (REF. 4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY ON INSIDE SURFACE WITH "TCCA-PDA, DART AEROSPACE LTD., P/N D3319-X B/N XXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-18" PER DART QSI 046 6.1 (PERMANENT MARKER)
- 7) WEIGHT: D3319-5 = 1.05 lbs APPROX; D3319-7 = 0.60 lbs APPROX
- 8) SYMMETRY: ABOUT CENTERLINE

RELEASED
2012-02-16
412.03.16

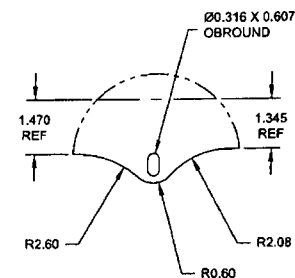
DESIGN	PH	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3319	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE	NT
DATE	12.03.13	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



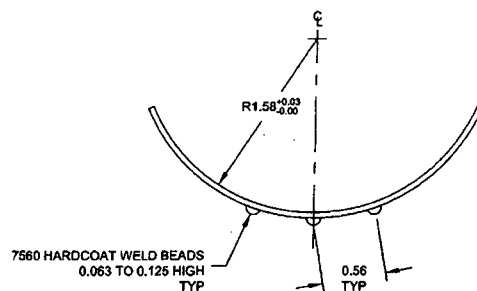
DETAIL K
SCALE 2X
B6-2
C4-3
C6-3



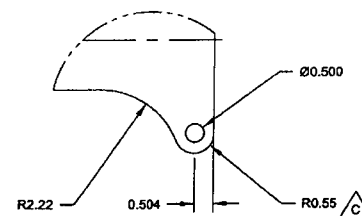
DETAIL F
SCALE 2X
B3-2



DETAIL J
SCALE 2X
B6-2
C7-3



SECTION H-H
SCALE 4X
B4-2
B3-3
B6-3



DETAIL G
SCALE 2X
B6-2
C2-3
C6-3
C

RELEASED
2012-02-16
UP, 2.03.16

DESIGN	PH	DART AEROSPACE LTD	
DRAWN	J	HAWKESBURY, ONTARIO, CANADA	
CHECKED	Q	DRAWING NO.	REV. C
MFG. APPR.	J	D3319	SHEET 4 OF 4
APPROVED	J	TITLE	SCALE
DE APPR.	J	WEARPLATE	NTS
DATE	12.03.13	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMERCIALIZED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	